

BookletChart™



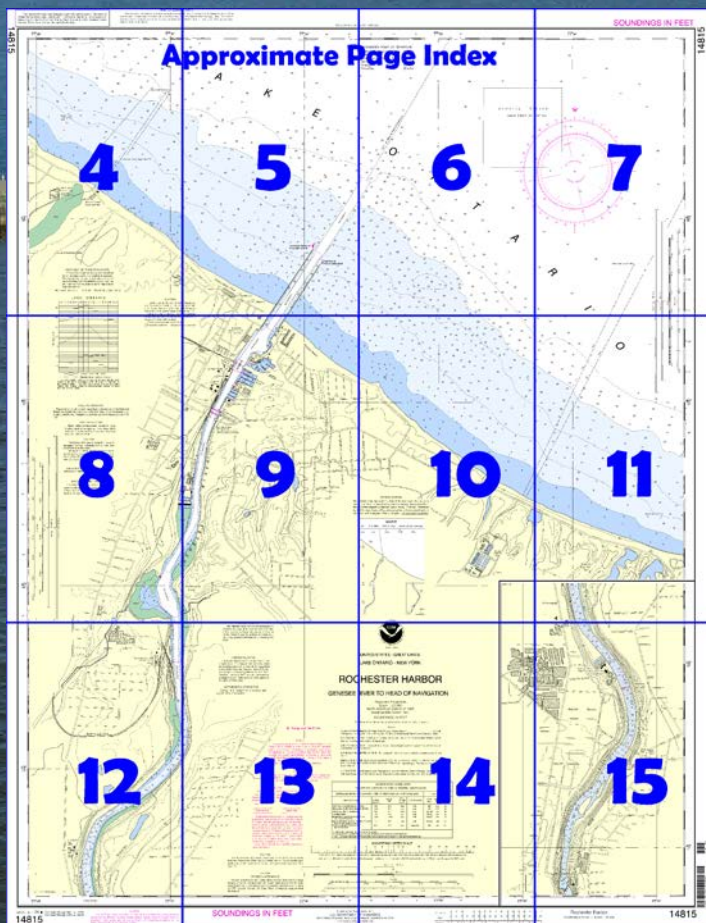
Rochester Harbor – Genesee River to Head of Navigation NOAA Chart 14815

A reduced-scale NOAA nautical chart for small boaters

When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



**Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA**

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=14815>



(Selected Excerpts from Coast Pilot)

From Irondequoit Bay west-northwest for 3.8 miles to the mouth of the Genesee River, deep water is about 0.5 mile offshore. A rock covered ½ foot is close inshore about 0.7 mile southeast of the Genesee River entrance.

Rochester Harbor, at the mouth of the **Genesee River**, is 54 miles west of Oswego Harbor and about 7 miles north of the main business district of the city of **Rochester, NY**. The river is navigable for

about 5.5 miles above the mouth. The first of a group of dams is about 7 miles upstream from Lake Ontario. There is no navigable connection between the lower portion of the Genesee River and the New York State

Canal, which connects with the river about 11 miles upstream from the lake. The surface elevation of the river falls more than 260 feet between the Rochester Terminal of the New York State Canal System and the head of navigation of the lower portion of the river below the dams. An unmarked **dumping ground** with a least reported depth of 35 feet is about 1.8 miles northeast of the mouth of the Genesee River.

Prominent features.—The lighted stacks at the powerplant 1.6 miles west-northwest of the river mouth, the stacks at the sewage treatment plant 1.9 miles southeast of the river mouth, and the tall apartment building 1.1 miles southwest of the river mouth are the most prominent objects from offshore.

Rochester Harbor Light (43°15'48"N., 77°36'00"W.), 40 feet above the water, is shown from a white cylindrical tower with red band on the outer end of the west pier.

Channels.—From Lake Ontario, the river is entered through a dredged channel that leads between two piers, thence upstream for 2.6 miles above the mouth. There are two turning basins, one just inside the mouth and the other 2 miles above the mouth on the west side of the channel; the upper turning basin is no longer maintained. The outer ends of the entrance piers are marked by lights; mooring is only allowed on the lakeside of the piers. (See Notice to Mariners and latest edition of charts for controlling depths.)

Dangers.—It is reported that northeast winds sometimes create waves as high as 6 feet which reflect through the entrance channel between the piers, making navigation into the harbor difficult. River currents sometimes compound this problem. A dangerous sunken wreck is 0.8 mile east-northeast of Rochester Harbor Light.

Bridges.—Two bridges cross the dredged section of the Genesee River. The CSX Transportation Railroad bridge 0.9 mile above the pierheads has a swing span with a clearance of 10 feet. The O'Rourke bridge, 1.25 miles above the pierheads, has a bascule span with a clearance of 41 feet (45 feet at center). (See **33 CFR 117.1 through 117.59 and 117.785**, chapter 2, for drawbridge regulations.) Overhead power cables crossing the river 2.8 miles above the pierheads have a clearance of 141 feet. Above the limit of the Federal project, a pipeline bridge, about 5.1 miles above the pierheads, has a fixed span with a clearance of 86 feet. The Ridge Road (U.S. Route 104) bridge, about 5.5 miles above the pierheads, has a fixed span with a clearance of 160 feet. The Driving Park Avenue bridge, 6.4 miles above the pierheads, has fixed span with unknown clearance.

Supplies.—Some marine supplies, water, provisions, and diesel fuel can be obtained at Rochester.

Small-craft facilities.—Marinas at Rochester provide transient berths, gasoline, diesel fuel, water, ice, electricity, sewage pump-out, marine supplies, launching ramps, mobile lifts to 40 tons, and hull, engine, and electronic repairs. In 1977, depths of 2 to 12 feet were reported alongside the berths.

Communications.—Rochester is served by rail, air, and bus. Rochester-Monroe County Airport is about 10 miles south-southwest of the river entrance.

U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Cleveland

Commander
9th CG District
Cleveland, OH

(216) 902-6117

Navigation Managers Area of Responsibility



NOAA's navigation managers serve as ambassadors to the maritime community.

They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit nauticalcharts.noaa.gov/service/navmanagers

To make suggestions or ask questions online, go to nauticalcharts.noaa.gov/inquiry.

To report a chart discrepancy, please use ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx.

Lateral System As Seen Entering From Seaward

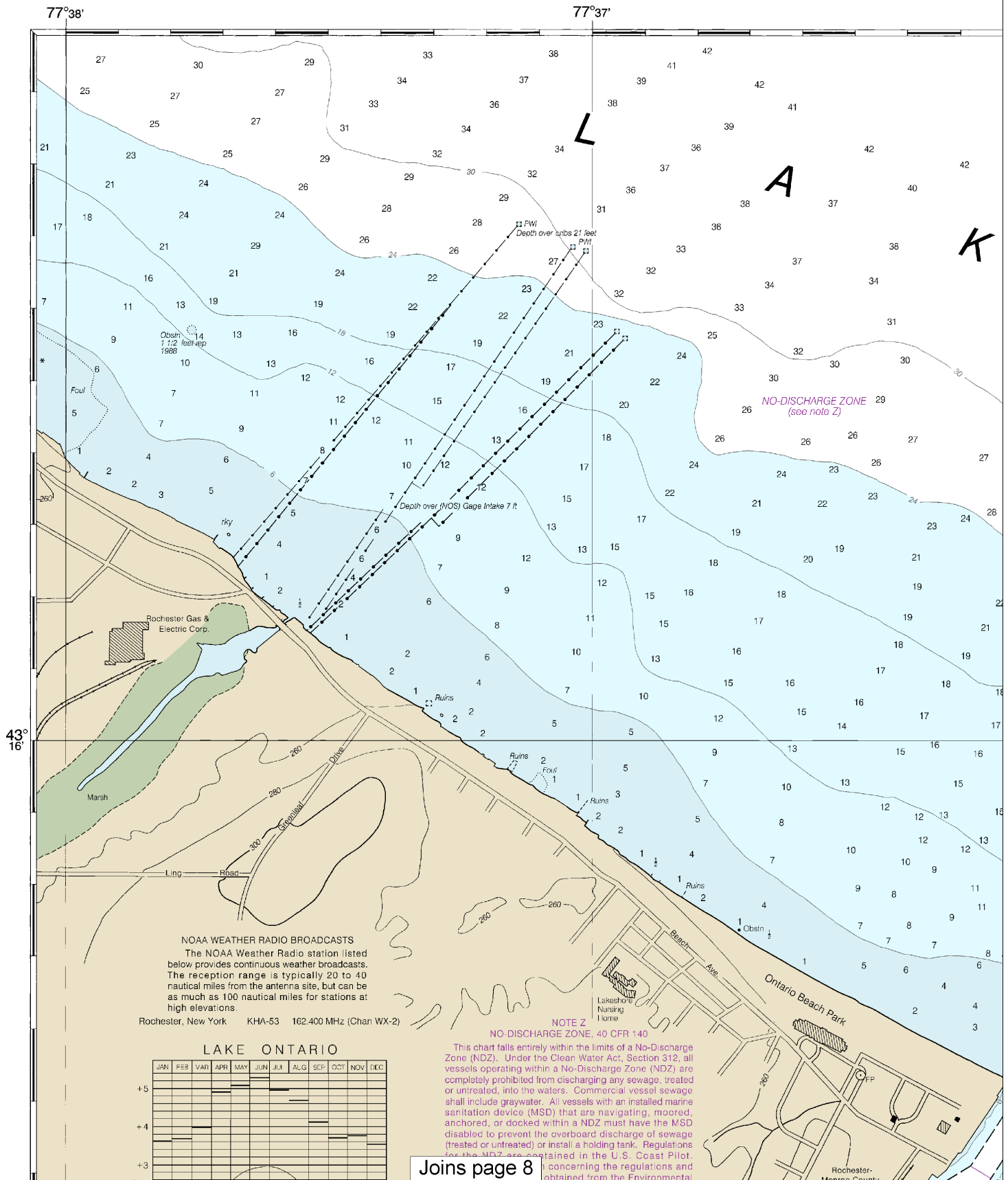
on navigable waters except Western Rivers



For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area.

These volumes are available online at <http://www.navcen.uscg.gov>

14815



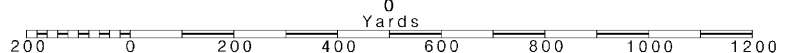
4

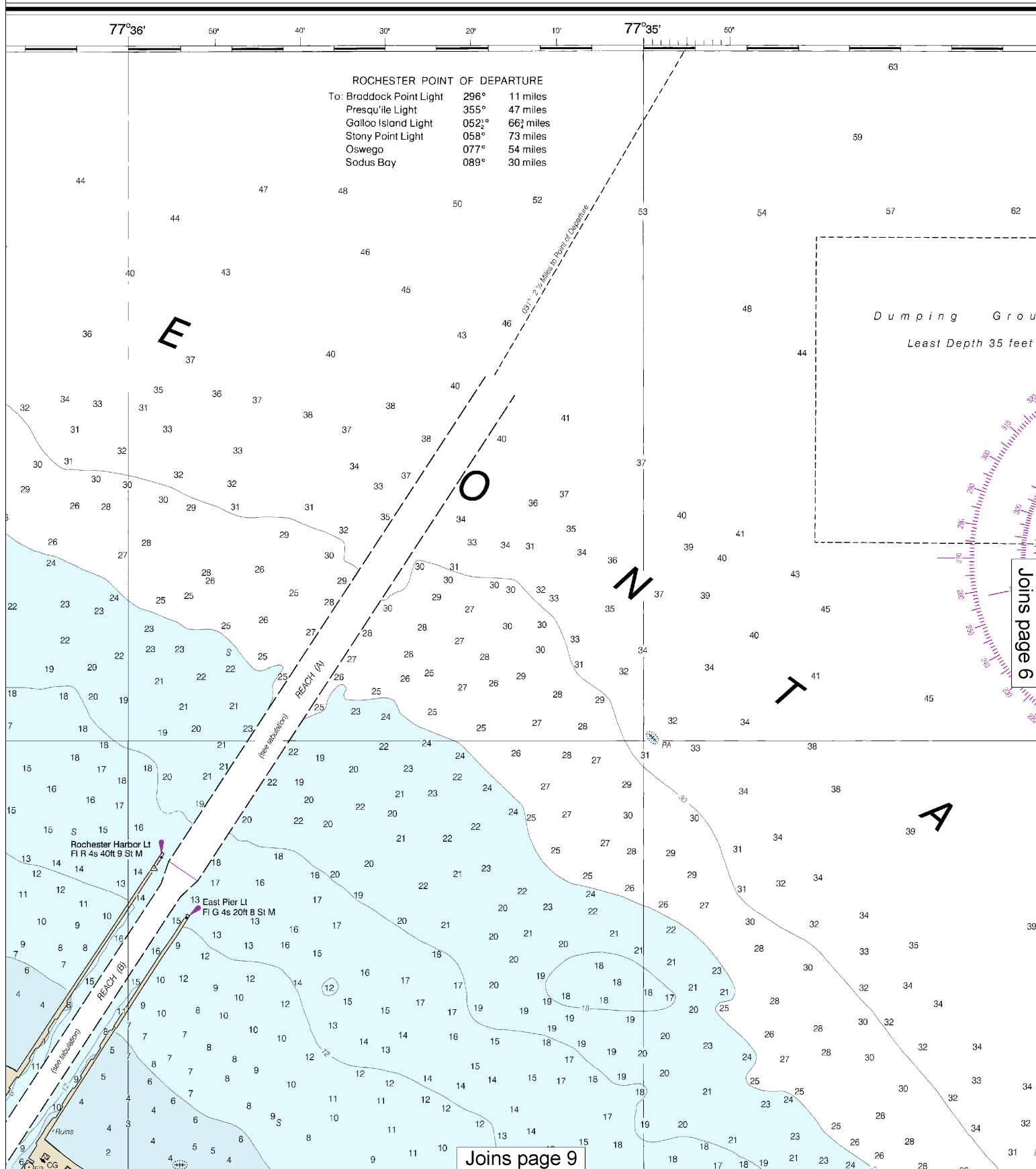
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

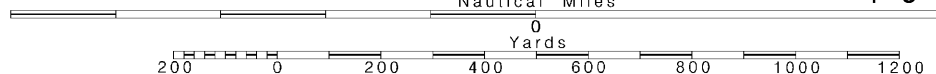
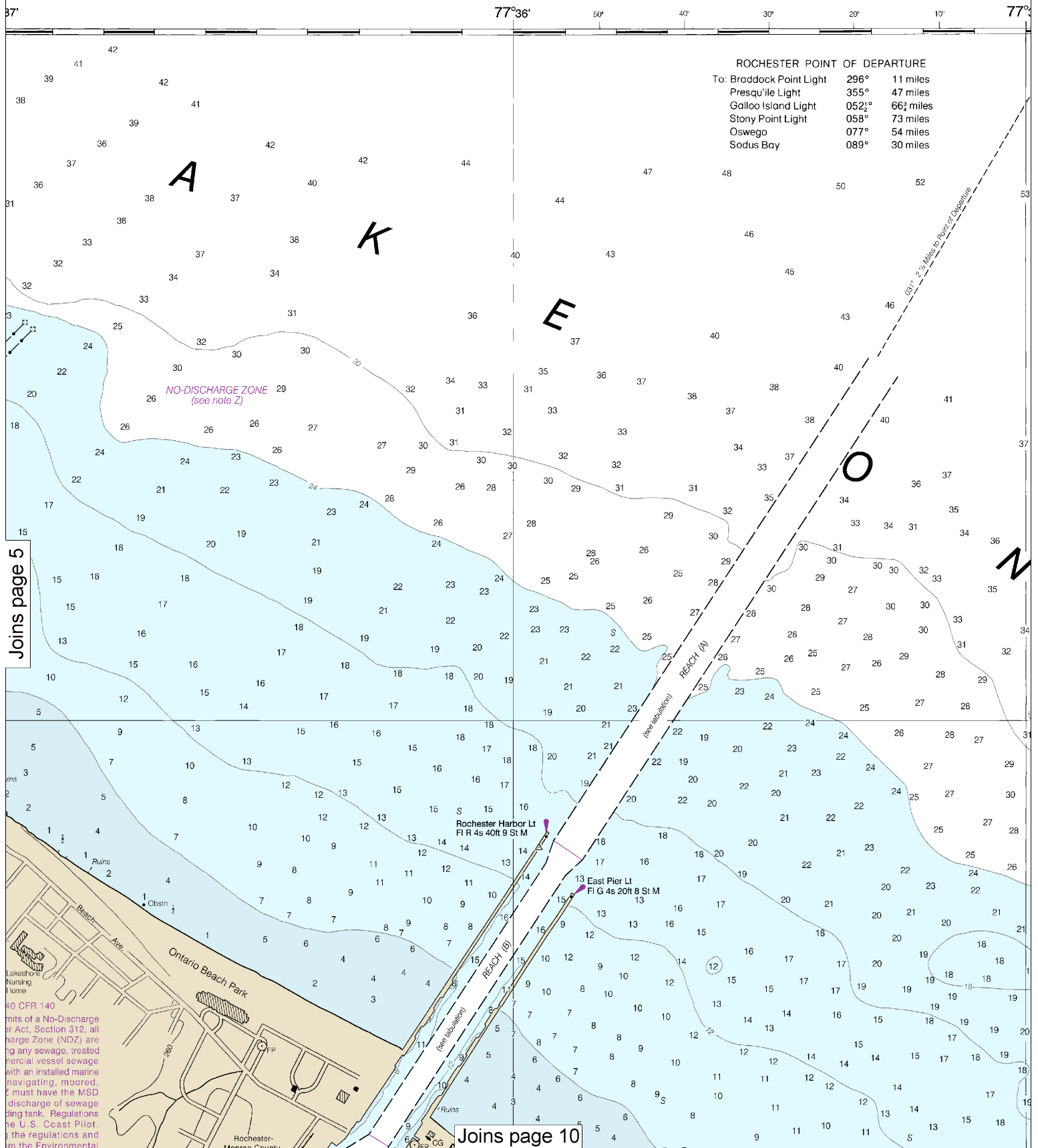
SCALE 1:10,000
Nautical Miles

See Note on page 5.



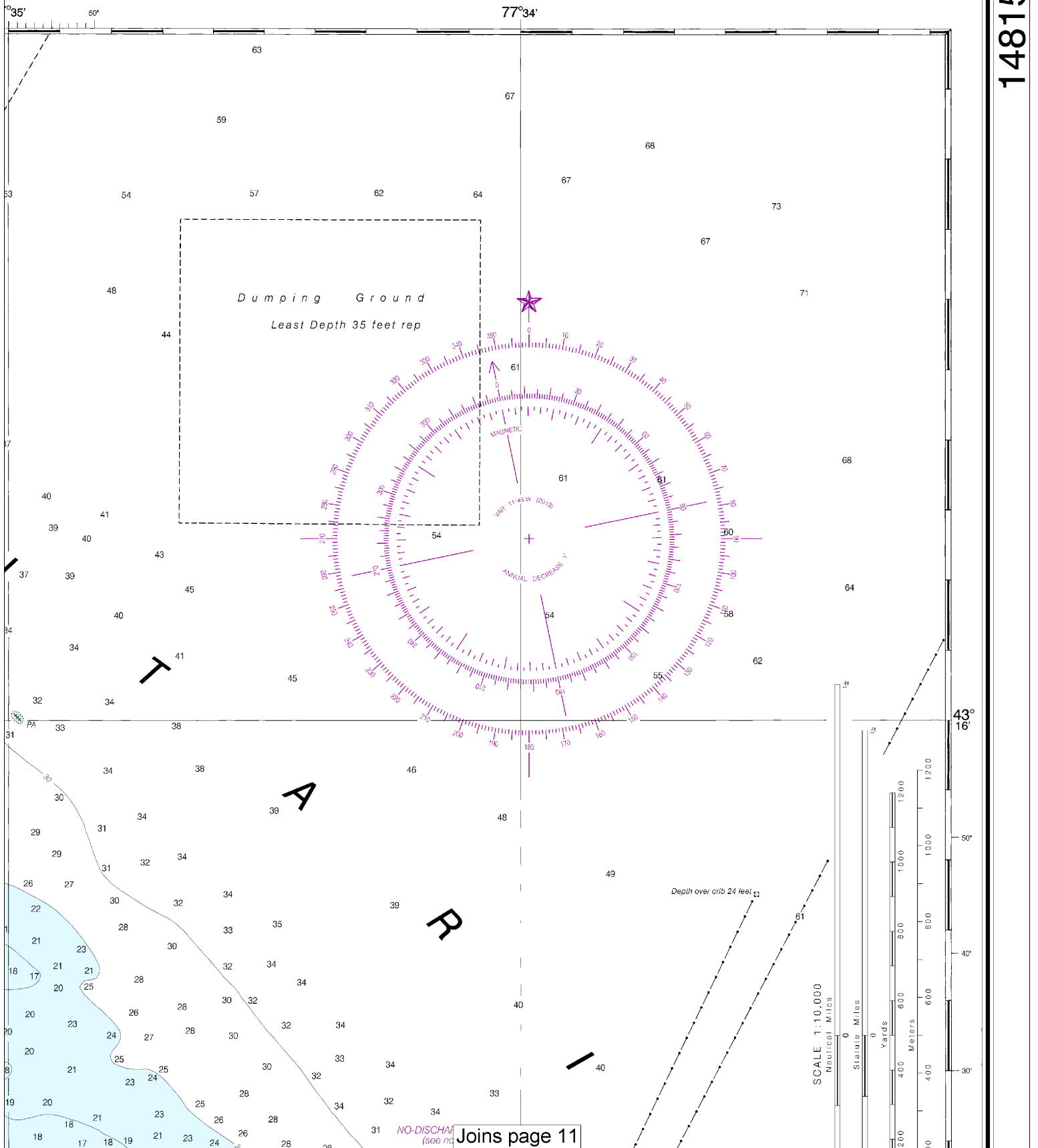


This BookletChart was reduced to 75% of the original chart scale.
The new scale is 1:13333. Barscales have also been reduced and
are accurate when used to measure distances in this BookletChart.

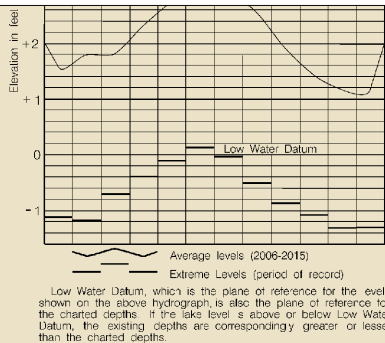


SOUNDINGS IN FEET

14815



Joins page 11



POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

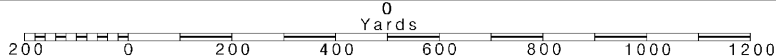
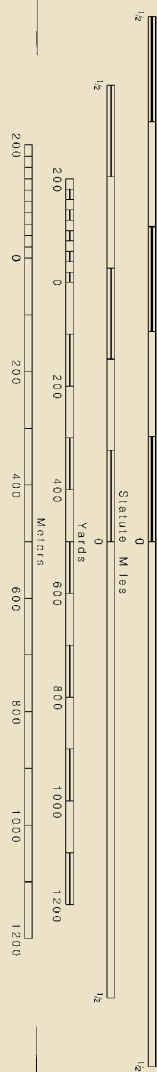
CAUTION

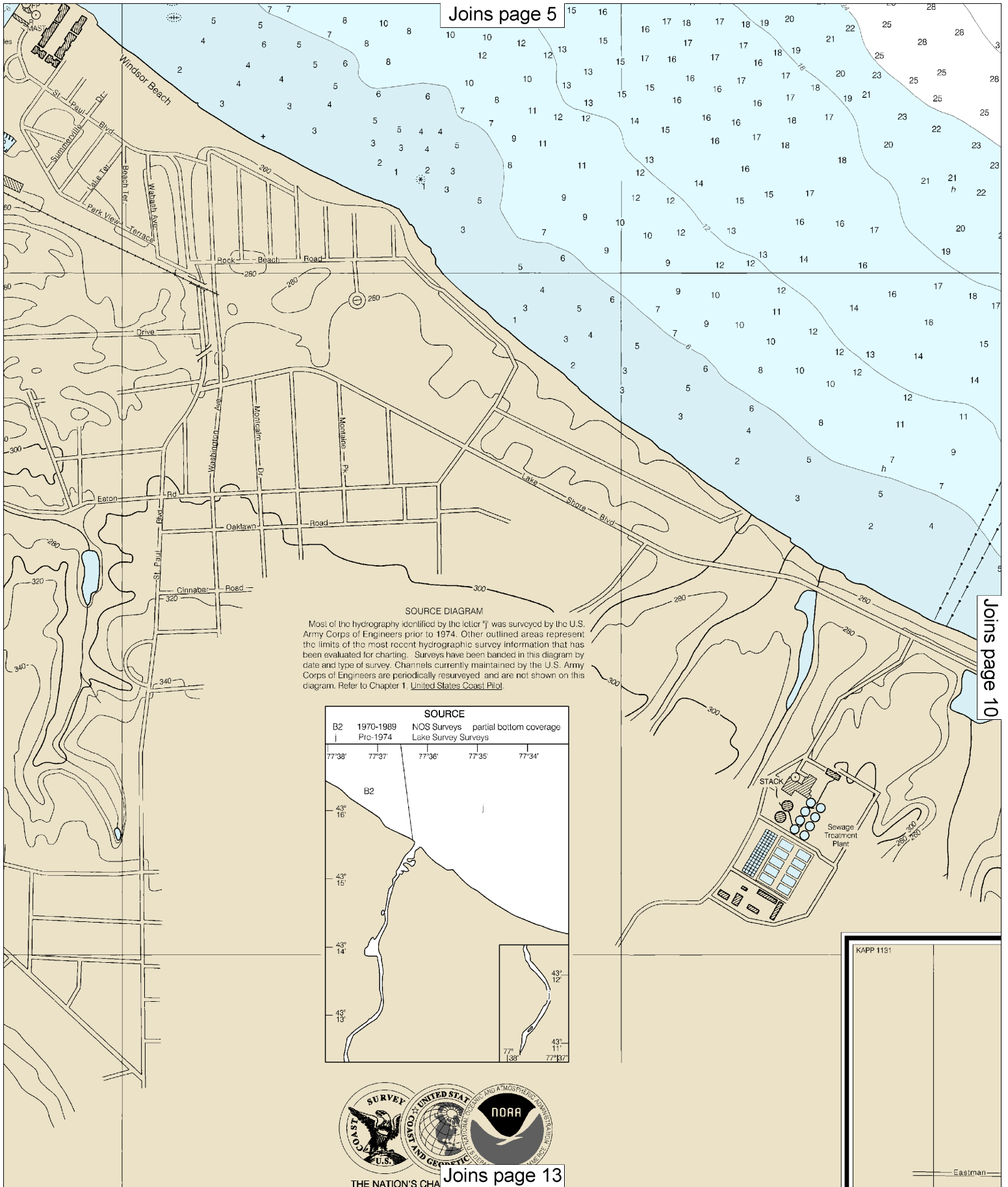
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

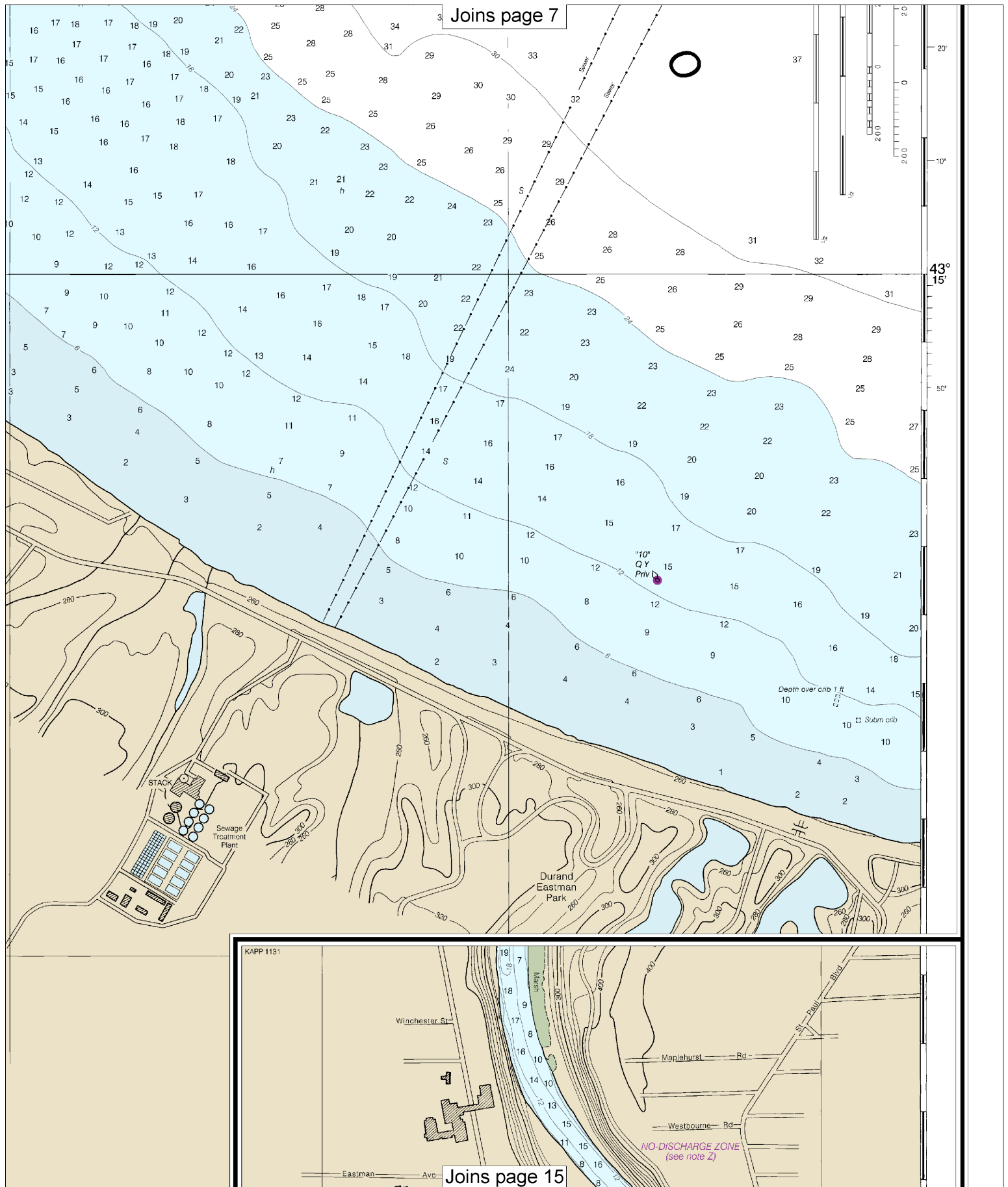
○ (Accurate location) ◐ (Approximate location)

SCALE 1:10,000
Nautical Miles









Joins page 8

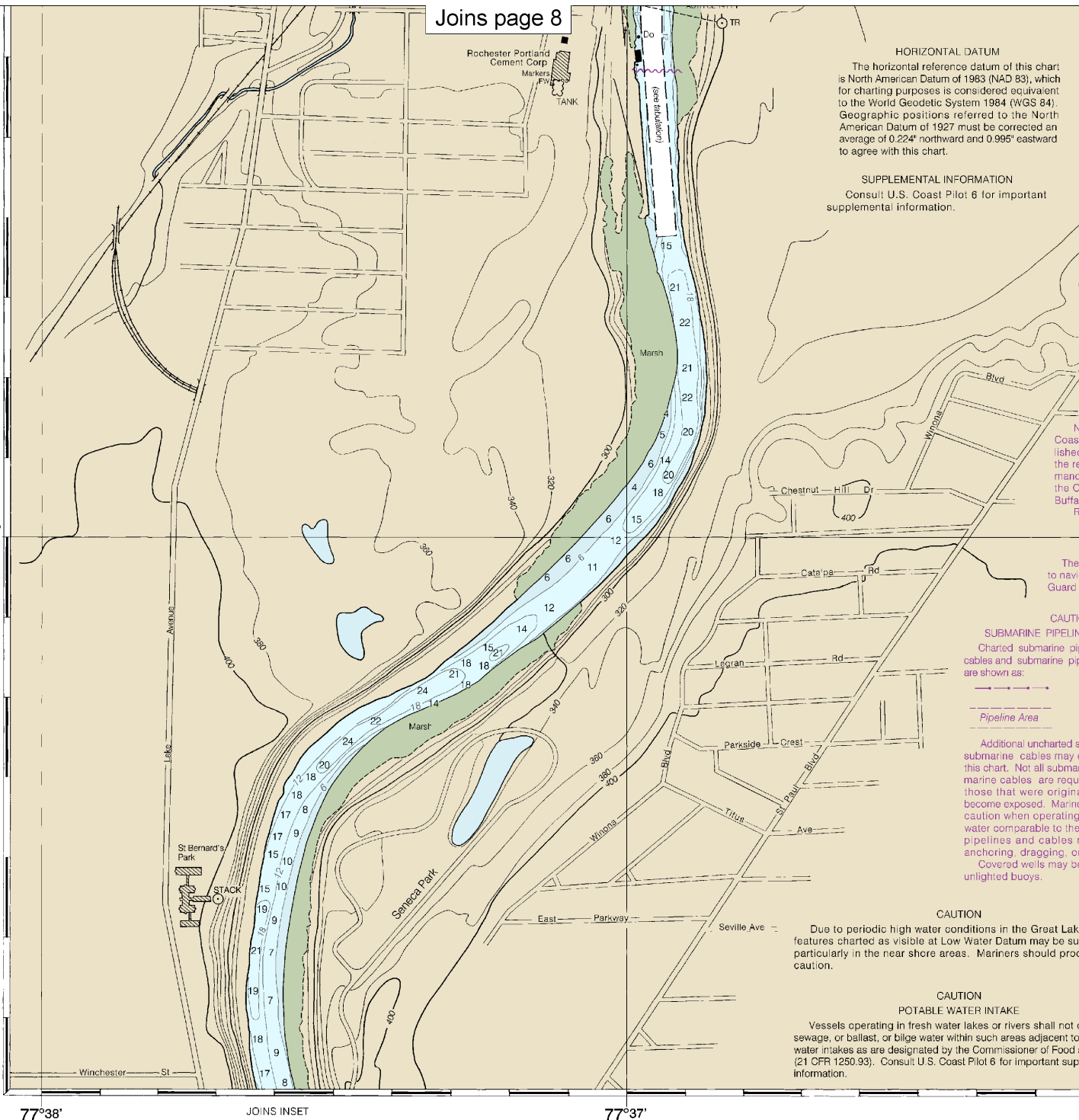
HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.224' northward and 0.995' eastward to agree with this chart.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 6 for important supplemental information.

43°
13'



CAUTION
SUBMARINE PIPELINE
Charted submarine pipelines and submarine pipelines are shown as:
Pipeline Area
Additional uncharted submarine cables may exist in this chart. Not all submarine cables are required to be marked. Those that were originally marked may have become exposed. Marine caution when operating watercraft comparable to their pipelines and cables may be required. Covered wells may be unlighted buoys.

CAUTION
Due to periodic high water conditions in the Great Lakes, features charted as visible at Low Water Datum may be submerged. Mariners should proceed with caution.

CAUTION
POTABLE WATER INTAKE
Vessels operating in fresh water lakes or rivers shall not discharge sewage, or ballast, or bilge water within such areas adjacent to water intakes as are designated by the Commissioner of Food and Agriculture (21 CFR 1250.93). Consult U.S. Coast Pilot 6 for important supplemental information.

14815

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

SOUNDINGS

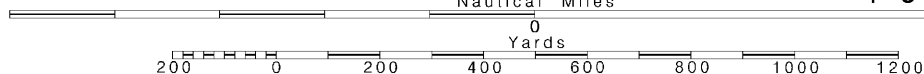
24th Ed., Dec. 2013. Last Correction: 10/14/2016. Cleared through:
LNM: 4816 (11/29/2016), NM: 4916 (12/3/2016), CHS: 1116 (11/25/2016)

12

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. SCALE 1:10,000

See Note on page 5.



ROCHESTER HARBOR

GENESEE RIVER TO HEAD OF NAVIGATION

Polyconic Projection
Scale 1:10,000
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET

Additional information can be obtained at nauticalcharts.noaa.gov.

NOTES

PLANE OF REFERENCE OF THIS CHART (Low Water Datum).....243.3ft.
Referred to mean water level at Rimouski, Quebec, International Great Lakes Datum (1985).

SAILING DIRECTIONS. Bearings of sailing courses are true and distances given thereon are in statute miles between points of departure.

AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

SYMBOLS AND ABBREVIATIONS. For complete list of symbols and abbreviations see Chart No. 1.

BRIDGE AND OVERHEAD CABLE CLEARANCES. When the water surface is above Low Water Datum, bridge and overhead clearances are reduced correspondingly. For clearances see U.S. Coast Pilot 6.

AUTHORITIES. Hydrography and Topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 6. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning regulations may be obtained at the Office of the Commander, 9th Coast Guard District in Cleveland, Ohio or at Office of the District Engineer, Corps of Engineers in Buffalo, New York.
Refer to charted regulation section numbers.

WARNING

A prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Pilot 6, Light List and U.S. Coast Pilot for details.

NOTES

PIPELINES AND CABLES
Submarine pipelines and submarine cable areas

Submarine pipelines and cables exist within the area of the harbor and are required to be buried, and shallowly buried may have vessels should use extreme caution in depths of air draft in areas where they may exist, and when they are marked by lighted or

Some, some submerged, proceed with

discharge of domestic and Drugs supplemental

ROCHESTER HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2016 AND SURVEYS TO MAR 2016							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (FEET)	DEPTH LWD (FEET)
A. LAKE APPROACH CHANNEL	18.1	18.8	17.9	3-16	300	2800	22
B. ENTRANCE CHANNEL	15.0	17.6	13.7	3-16	200-600	4400	21
C. LOWER TURNING BASIN	3.7	5.3	8.5	3-16	200-600	4400	21
D. GENESEE RIVER	5.6	16.9	4.0	3-16	150-270	7500	21
E. UPPER TURNING BASIN	NOT SOUNDED			3-16	0-500	800	*
F. GENESEE RIVER, UPSTREAM TO DREDGING LIMIT	11.8	17.7	11.5	3-16	150-270	1680	21
G. GENESEE RIVER, UPSTREAM 1200 FEET OF NAVIGATION *	10.0	11.4	10.7	3-16	150	1200	*
H. UPPER TURNING BASIN	2.6	2.5	11.7	3-16	150-270	1600	21
* NOT MAINTAINED							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

SCALE 1:10,000
Nautical Miles

Statute Miles

Yards

Meters

77°36'

77°35'

77°38'

IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14

UNITED STATES - GREAT LAKES
LAKE ONTARIO - NEW YORK

ROCHESTER HARBOR

GENESEE RIVER TO HEAD OF NAVIGATION

Polyconic Projection
Scale 1:10,000
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET

Additional information can be obtained at nauticalcharts.noaa.gov.

NOTES

PLANE OF REFERENCE OF THIS CHART (Low Water Datum)..... 243.3
Referred to mean water level at Rimouski, Quebec, International Great Lakes Datum (1985).

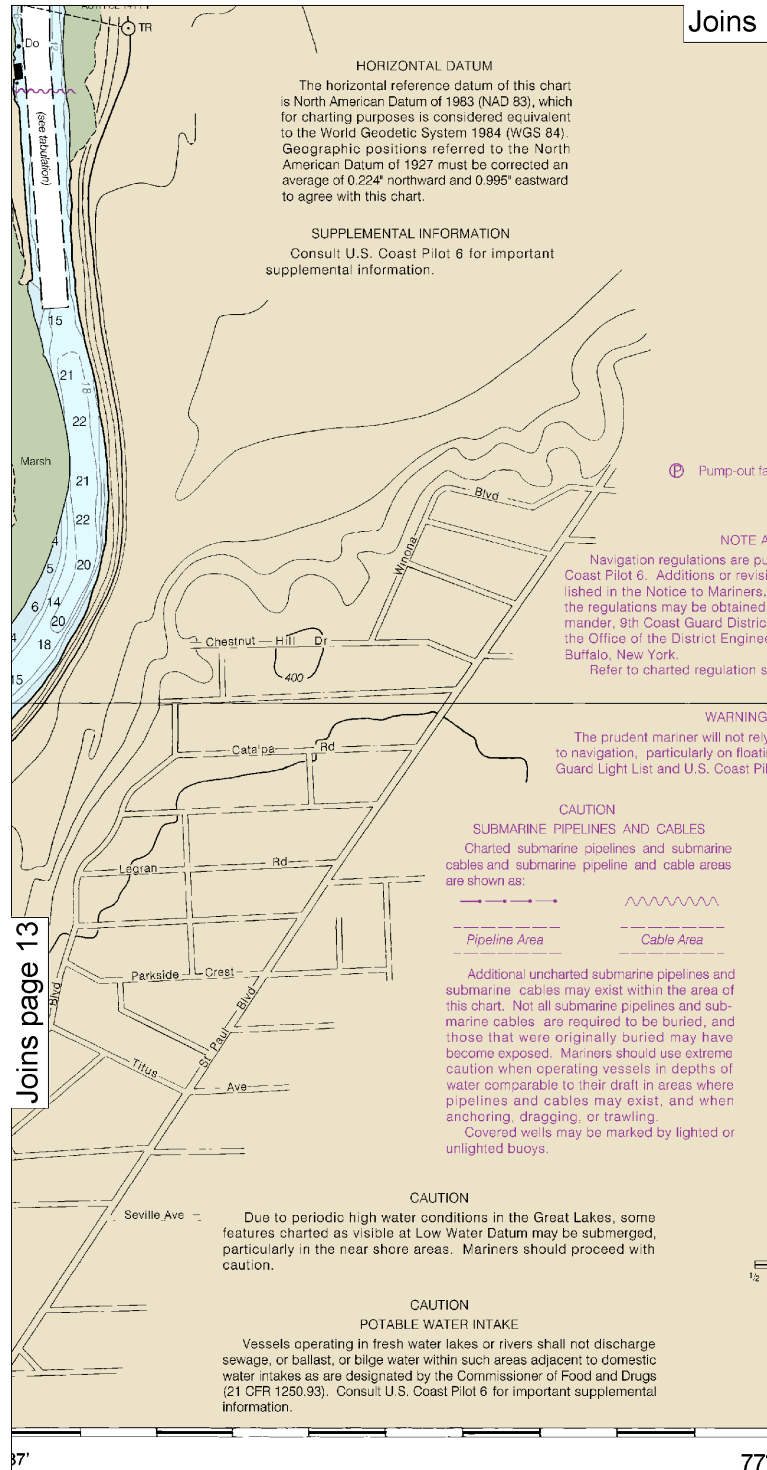
SAILING DIRECTIONS. Bearings of sailing courses are true and distances given thereon are in statute miles between points of departure.

AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

SYMBOLS AND ABBREVIATIONS. For complete list of symbols and abbreviations see Chart No. 1.

BRIDGE AND OVERHEAD CABLE CLEARANCES. When the water surface is above Low Water Datum, bridge and overhead clearances are reduced correspondingly. For clearances see U.S. Coast Pilot 6.

AUTHORITIES. Hydrography and Topography by the National Ocean Service, Coast Survey with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.



ROCHESTER HARBOR CHANNEL DEPTHS					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2016 AND SURVEYS TO MAR					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)				PROJECT DATA	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (FEET)
A. LAKE APPROACH CHANNEL	18.1	18.8	17.9	3-16	300 2800
B. ENTRANCE CHANNEL	15.0	17.6	13.7	3-16	200-600 4400
C. LOWER TURNING BASIN	3.7	5.3	8.5	3-16	200-600 4400
D. GENESEE RIVER	5.8	16.9	4.0	3-16	150-270 7500
E. UPPER TURNING BASIN	NOT SOUNDED		11.5	3-16	0-500 800
F. GENESEE RIVER, UPSTREAM TO DREDGING LIMIT	11.8	17.7	11.5	3-16	150-270 1580
G. GENESEE RIVER, UPSTREAM 1200 FEET OF NAVIGATION *	10.0	11.4	10.7	3-16	150 1200
H. UPPER TURNING BASIN	2.6	2.5	11.7	3-16	150-270 1600

* NOT MAINTAINED

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SCALE 1:10,000

Nautical Miles

Statute Miles

Yards

Meters

SOUNDINGS IN FEET

National Geospatial-Intelligence and district to the dates shown in the dates shown in the lower left

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

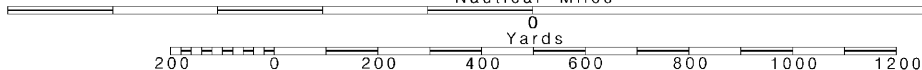
016)

14

Note: Chart grid lines are aligned with true north.

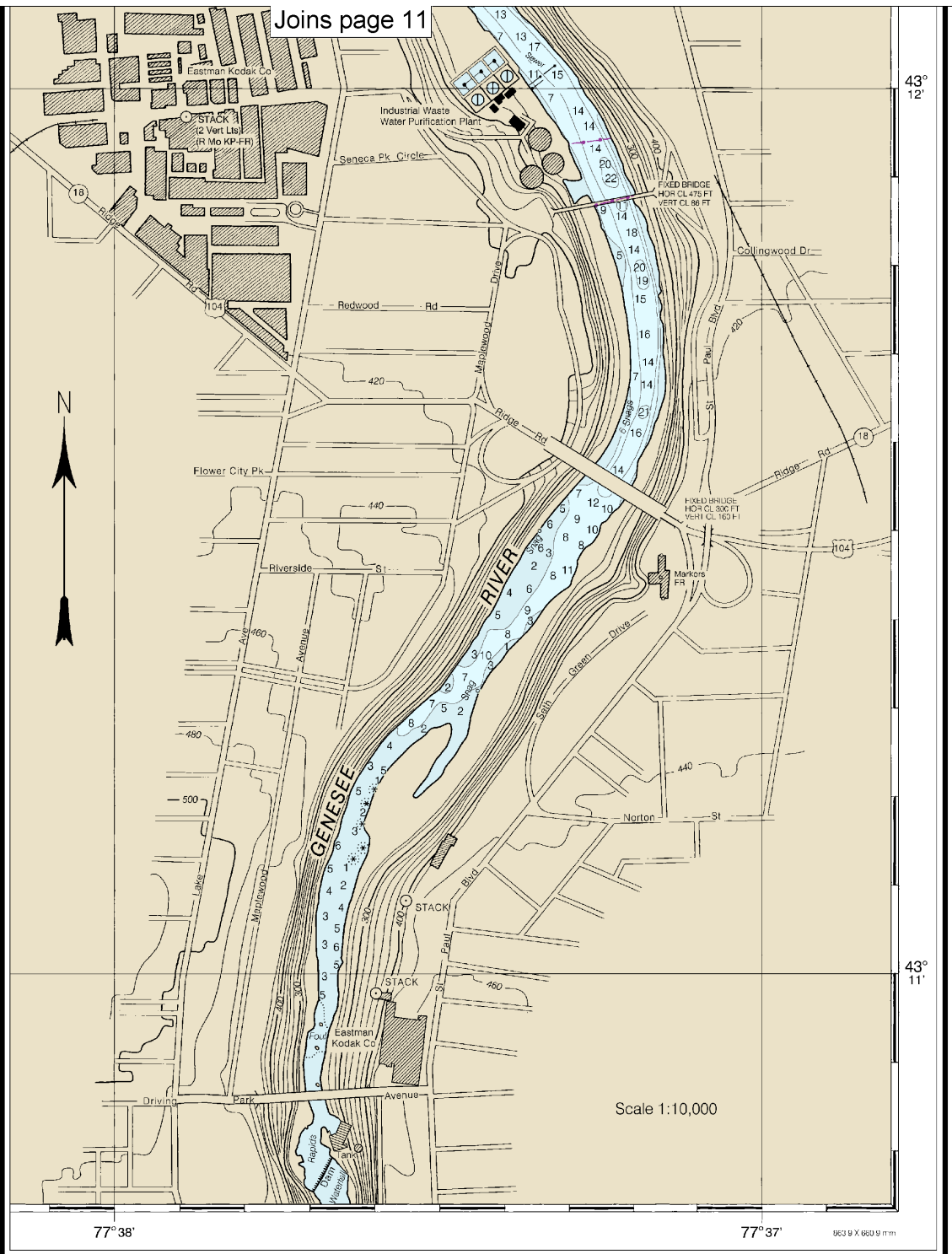
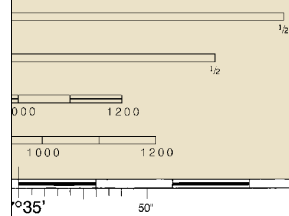
Printed at reduced scale. SCALE 1:10,000

See Note on page 5.



3ft.
e in
tion
hart
ater
U.S.
vey,
ard.

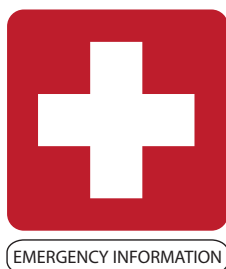
DIMENSIONS	
DEPTH (FEET)	DEPTH LWD (FEET)
00	22
00	21
00	21
00	21
00	*
00	21
00	*
00	21



FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	100
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Rochester Harbor
SOUNDINGS IN FEET - SCALE 1:10,000

14815



VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!

Quick References

Nautical chart related products and information	—	http://www.nauticalcharts.noaa.gov
Interactive chart catalog	—	http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml
Report a chart discrepancy	—	http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx
Chart and chart related inquiries and comments	—	http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs
Chart updates (LNM and NM corrections)	—	http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html
Coast Pilot online	—	http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm
Tides and Currents	—	http://tidesandcurrents.noaa.gov
Marine Forecasts	—	http://www.nws.noaa.gov/om/marine/home.htm
National Data Buoy Center	—	http://www.ndbc.noaa.gov/
NowCoast web portal for coastal conditions	—	http://www.nowcoast.noaa.gov/
National Weather Service	—	http://www.weather.gov/
National Hurricane Center	—	http://www.nhc.noaa.gov/
Pacific Tsunami Warning Center	—	http://ptwc.weather.gov/
Contact Us	—	http://www.nauticalcharts.noaa.gov/staff/contact.htm



— For the latest news from Coast Survey, follow **@NOAAcharts**



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.